Work Order Bid (ID)

CAC Housing _Energy Services



WORK ORDER INFORMATION

Work Order Name: WO/80008KN1877/1
Work Order Type: Weatherization
Audit Name: 80008KN1877-audit

CLIENT INFORMATION

Client ID: 80008KN1877

AGENCY INFORMATION

Agency: Knoxville- Knox County Community Action Agency Agency Phone: (865) 244-3080

Address: (PO Box 51650) 2247 Western Avenue Fax: (865) 544-1647

Knoxville, TN 37950-1650 *Email Address:*

Agency Contact: Neely, Richard Work Phone: (865) 244-3080

Cell Phone:

Email Address: richard.neely@cachousing.org

Company Name & License Number:	
Contractor's Signature:	

COMMENT

Single Family Dwelling

Contractor to follow 2006 International Residential Code as adopted by the City of Knoxville or Knox County as applicable.

City-House age is 1992

Measures

		ble Pane Replacement) S-2	(10 Squar	·e	Componen	ts		I	nspected
C	Comment Refer to Weathe Field Gu								
					Estimated			Actual	
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Labor	labor	Each	2					
1	Unspecified	Double Pane Replacement (10 Square Feet) (+)	Each	2					
(Other Detail	[[]) [[
L] [][_		<u> </u>		
				Measur	e Sub Total:			Sub Total:	.,
	Field Notes:				_				

Measu	re 2 Pati	o Door d1			Componen	ts			Inspected
Comme	nt								
Comme	Remove unit. Re door wit blank or Replace weather stop, th semi glo homeow caulk, a home or door uni (NOTE)	e old door before installing placing an exterior panel h another panel door is read a pre-hung steel door. The ement doors should not he estripping, door lock, dearee hinges, threshold, facts color to be chosen by wher or sand/stained/seared nailers. All keys given wher not anyone else. Do ess approved by CAC. Replacement Doors muret not be purchased from the purchased from the color of the c	I not allowed nave glass adbolt, doc icing, strike I), peep ho n to poors must	d. Rep panes or e plate ole (at not be	lace door with a door is in a door	h insulate clusive o , paint(1s desire he ent than e	ed door of st qualit ight), existing	Y	
	Standar	ust not be purchased fro ds for Weatherization Ma	ını salvage aterials an	e store d Teni	s. Reter to <i>F</i> nessee Weat	ıppenaix herizatio	A- n Field		
	Guide.								
					Estimated			Actual	· ····
# Materia	l / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1 Constr	uction Mate	Patio Door	Each	1					
		Refer to Attachment A- Standards for Weatherization Materials and Southeast Field Guide.							
1 Labor		Labor	Each	1					
Other De	tail							<u>. </u>	
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r				Measur	e Sub Total:		·	Sub Total:	

Measure 3 Lighting Retrofits

Components 11,12,13,14,15,16

Fetimatod

Actual

Comment Lighting

Replace incandescent light bulb with compact fluorescent bulb equal to the incandescent. Inform customers about proper recycling of fluorescent bulbs by stores, municipal waste departments, or other recycling organizations. Refer to Appendix A- Standards for Weatherization Materials and Tennessee Weatherization Field Guide.

					Estimated			Actual	
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Lighting	Compact Fl 13 Watt	Each Lamp	4					
2	Labor	Compact Fl 13 Watt	Each Lamp	4					
3	Lighting	Compact Fi 18 Watt	Each Lamp	2					
4	Labor	Compact Fl 18 Watt	Each Lamp	2					
5	Lighting	Compact Fl 13 Watt	Each Lamp	8					
6	Labor	Compact Fi 13 Watt	Each Lamp	8					
7	Lighting	Compact Fl 13 Watt	Each Lamp	5					
8	Labor	Compact Fl 13 Watt	Each Lamp	5					
9	Lighting	Compact Fl 18 Watt	Each Lamp	3					
10	Labor	Compact Fl 18 Watt	Each Lamp	3					
11	Lighting	Compact Fl 18 Watt	Each Lamp	3					
12	Labor	Compact Fl 18 Watt	Each Lamp	3					

Other Detail								
][
			Measui	re Sub Total:]	Sub Total:	L
Field Notes:								
Measure 4 DV	VH Pipe Insulation			Componen	ts			Inspecte
Comment Water	Heater			•	•			
Include	es labor cost. Insulate the	first 6 feet	of hot	and cold wa	ter pipe	from		
water l	heater. Use pipe wrap with	ı a						
	e of at least 2. Cover elbo		s, and	other fittings	to the s	ame		
	ess as pipe. All corners mu							
	roperly. Keep pipe insulation inch away from Type B ve		s away	trom single	wall ven	t pipe		
	or diameter of pipe sleeve		h avta	rior diameter	of nine	Factor		
with zi	p ties, tape, or other	must matt	JII GALG	noi diametei	or hihe.	i asici:	ı	
	ed method. Refer to Appe	endix A- Si	andar	ds for Weath	erization			
Materia	als and Tennessee Weath	erization						
Field C	}uide.							
				Estimated			Actual	
Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1 Insulation	DHW Pipe Insulation	Each	1					
2 Labor	DHW Pipe Insulation	Each	1					
Other Detail								
			[][
		l]	Each Totals [
			measur	e Sub Total:		,	Sub Total:	
Field Notes:								

	Measure 5 DW	H Tank Insulation			Componen	its			Inspected
C	insulation heater in the part of the part	neaters should be re-insured by blanket unless water abel gives specific instructions at the saway from gas vared by the burner acceptammable Vapor Ignition at must be left open. Follow at the pressure relief wat the tops of gas fired wat to avoid obstructing dratted and heating element out the blanket at these and the sides but not the screates a flap that remains a side of the sides but and the sides bu	ctions not on at lve and buss n Resistar low when insta unit. valve and der diverter. I access e locations	to insurrer and the modelling in dischared Mark the when	R-10 with an allate or the want or the was consulted by the with the blanket to a you cut the	external vater hea Don't in hbustion ikets on insulation locate the	ter is stall intake (FVIR) on. Don' ne , cut the	t	
	relief va the top relief va	lve and discharge line. C of the water heater with i lve. Install three zip tie st	over insulation raps	if it do	esn't obstruc				
	relief va the top relief va	lve and discharge line. C of the water heater with i	over insulation raps	if it do	esn't obstruc	t the pre		Actual	
#	relief va the top relief va	lve and discharge line. C of the water heater with i lve. Install three zip tie st	over insulation raps	if it do	esn't obstruc n Bottom).	t the pre			Total
	relief va the top relief va 1st 6" fro Material / Labor	lve and discharge line. C of the water heater with i lve. Install three zip tie st om the top 2nd in the Mic	over insulation raps ddle, 3rd- (if it do	esn't obstruc n Bottom). <i>Estimated</i>	t the pre	ssure	Actual	Total
1	relief va the top relief va 1st 6" fro Material / Labor	lve and discharge line. C of the water heater with i lve. Install three zip tie st om the top 2nd in the Mic Description / Comment	over insulation raps ddle, 3rd- (<i>Unit</i> s	if it doo	esn't obstruc n Bottom). <i>Estimated</i>	t the pre	ssure	Actual	Total
1	relief va the top relief va 1st 6" fro Material / Labor Hot Water Equipm	lve and discharge line. Cof the water heater with live. Install three zip tie stom the top 2nd in the Micon Description / Comment DHW Tank Insulation	over insulation raps ddle, 3rd- (<i>Unit</i> s Each	if it doo 6" from ————————————————————————————————————	esn't obstruc n Bottom). <i>Estimated</i>	t the pre	ssure	Actual	Total
1	relief va the top relief va 1st 6" from Material / Labor Hot Water Equipm Labor	lve and discharge line. Cof the water heater with live. Install three zip tie stom the top 2nd in the Micon Description / Comment DHW Tank Insulation	over insulation raps ddle, 3rd- (<i>Unit</i> s Each	if it doo 6" from ————————————————————————————————————	esn't obstruc n Bottom). <i>Estimated</i>	t the pre	ssure	Actual	Total
1	relief va the top relief va 1st 6" from Material / Labor Hot Water Equipm Labor	lve and discharge line. Cof the water heater with live. Install three zip tie stom the top 2nd in the Micon Description / Comment DHW Tank Insulation	over insulation raps ddle, 3rd- (<i>Unit</i> s Each	if it doo 6" from ————————————————————————————————————	esn't obstruc n Bottom). <i>Estimated</i>	t the pre	ssure	Actual	Total
1	relief va the top relief va 1st 6" from Material / Labor Hot Water Equipm Labor	lve and discharge line. Cof the water heater with live. Install three zip tie stom the top 2nd in the Micon Description / Comment DHW Tank Insulation	over insulation traps ddle, 3rd- Units Each Each	if it door	esn't obstruc n Bottom). <i>Estimated</i>	t the pre	Ssure Qty	Actual	Total

	Monitor is Needed			Componen	ts		4	Inspected
Comment . Refer t Weathe Field Gu		s for Wea	heriza	tion Material	s and Te	nnesse	е	
				Estimated			Actual	
# Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1 Health and Safety	CO monitor	Each	1					
2 Labor	Labor	Each	1					
Other Detail						***************************************		
			Measur	e Sub Total:			Sub Total:	
Field Notes:			*					
Measure 7 Fix 0	Other Water Heating Pro	oblem		Component	's			nspected
Comment Replace	pressure relief valve and o Appendix A- Standards rization	d piping to	floor. herizat	ion Materials		nesse	e	nspected
Comment Replace . Refer t Weathei	pressure relief valve and o Appendix A- Standards rization	d piping to	floor. herizat	•				Inspected
Comment Replace . Refer t Weathei Field Gu	pressure relief valve and o Appendix A- Standards rization ide.	d piping to s for Weat	herizat	ion Materials Estimated	and Ter	Qty	e Actual	
Comment Replace . Refer t Weather Field Gu Material / Labor Health and Safety	pressure relief valve and o Appendix A- Standards rization ide. Description / Comment Fix Other Water Heating	d piping to s for Weat <i>Units</i>	herizat Qty	ion Materials Estimated	and Ter		e Actual	
Comment Replace . Refer t Weather Field Gu Material / Labor Health and Safety	pressure relief valve and o Appendix A- Standards rization ide. Description / Comment Fix Other Water Heating Problem	d piping to s for Weat <i>Units</i> Each	herizat Qty 1	ion Materials Estimated	and Ter		e Actual	
Comment Replace . Refer t Weather Field Gu Material / Labor Health and Safety Labor	pressure relief valve and o Appendix A- Standards rization ide. Description / Comment Fix Other Water Heating Problem	d piping to s for Weat <i>Units</i> Each	herizat Qty 1	ion Materials Estimated	and Ter		e Actual	
Comment Replace . Refer t Weather Field Gu Material / Labor Health and Safety Labor	pressure relief valve and o Appendix A- Standards rization ide. Description / Comment Fix Other Water Heating Problem	d piping to s for Weat <i>Units</i> Each	herizat Qty 1	ion Materials Estimated	and Ter		e Actual	
Comment Replace . Refer t Weather Field Gu Material / Labor Health and Safety Labor	pressure relief valve and o Appendix A- Standards rization ide. Description / Comment Fix Other Water Heating Problem	d piping to s for Weat Units Each Each	Qty 1	ion Materials Estimated	and Ter	Qty	e Actual	
Comment Replace . Refer t Weather Field Gu Material / Labor Health and Safety Labor	pressure relief valve and o Appendix A- Standards rization ide. Description / Comment Fix Other Water Heating Problem	d piping to s for Weat Units Each Each	Qty 1	Estimated Unit Cost	and Ter	Qty	e Actual Unit Cost	
Comment Replace . Refer t Weather Field Gu Material / Labor Health and Safety Labor Other Detail	pressure relief valve and o Appendix A- Standards rization ide. Description / Comment Fix Other Water Heating Problem	d piping to s for Weat Units Each Each	Qty 1	Estimated Unit Cost	and Ter	Qty	e Actual Unit Cost	
Comment Replace . Refer t Weather Field Gu Material / Labor Health and Safety Labor Other Detail	pressure relief valve and o Appendix A- Standards rization ide. Description / Comment Fix Other Water Heating Problem	d piping to s for Weat Units Each Each	Qty 1	Estimated Unit Cost	and Ter	Qty	e Actual Unit Cost	

	Measure 8 Fix \	Wiring Problems			Componen	ts			Inspected
C	exposed		rical box.		•				
					Estimated			Actual	
#	Material / Labor	Description / Comment	Units	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety	Fix Wiring Problems	Each	1					
2	Labor	Labor	Each	1					
(ther Detail	•							
L									
			1	Measur	Sub Total:] 8	Sub Total:	
	Field Notes:								
			Work Or	der Gra	nd Total:		Grand	d Total:	

Site Diagram

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